STEREO CONTROL AMPLIFIER

KC-206

REMOTE CONTROL

RC-206

INSTRUCTION MANUAL

KENWOOD

©PRINTED IN JAPAN B50-6721-10(K,P,U,M,UE,X)(T)
89/12 11 10 9 8 7 6 5 4 3 2 1

Rear panel safety precautions

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
	The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated ''dangerous voltage'' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Before applying power

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your Kenwood dealer for information or service on this product.

Model Serial number_____

Unpacking

Unpack the unit carefully and make sure that all accessories and cables are put aside so they will not be lost.

Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.

We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.

WARNING:
TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Safety precaution for AC plug (For U.S.A. and Canada)

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Important!

U.S.A., Canada and Australia

Units shipped to the U.S.A. and Canada are designed for operation on 120 volts AC only. Units shipped to Australia are designed for operation on 240 volts AC only. These units are not equipped with an AC voltage selector switch and the discussion of such a switch that follows should be disregarded.

All other countries

Units shipped to countries other than the U.S.A., Canada and Australia are equipped with an AC Voltage Selector switch on the bottom plate.

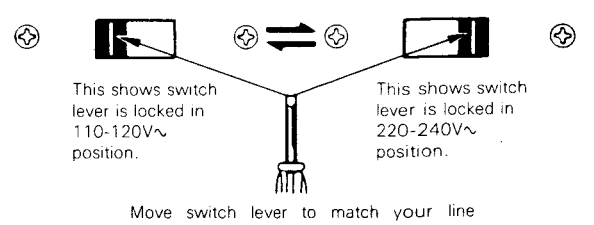
Refer to the following paragraph for the proper setting of this switch.

AC voltage selection

This unit operates on 110~120 volts or 220~240 volts AC. The AC Voltage Selector switch on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following direction.

Note:

Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC Voltage Selector switch.

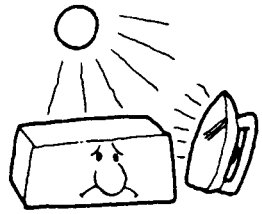

AC 110-120V~ ◄► AC 220-240V~ AC 110-120V~ ◄► AC 220-240V~
This shows switch lever is locked in 110-120V~ position.
This shows switch lever is locked in 220-240V~ position.
Move switch lever to match your line voltage with a small screw driver or other pointed tool.

AC voltage selector switch

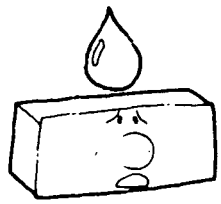
Before operation

Notes on installation

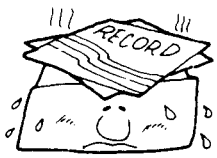
Do not place the unit in a place which is exposed to direct sunlight, near a heating appliance, etc.



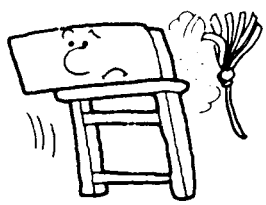
Do not place a vase containing water, makeup, etc. on the unit. Do not use in a humid place.



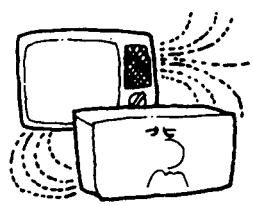
To maintain good ventilation, do not put records or a table-cloth on the unit. Place the unit at least 10 cm away from the walls.



Choose a location that is relatively free from vibration or excessive dust.

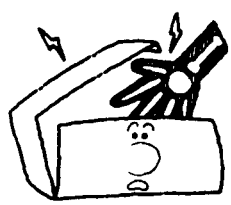


Keep the unit away from a source of magnetic fields such as TV sets, motorized toys, etc.



Safety precautions

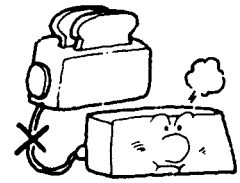
Never remove the case. If the internal parts are touched, accidentally, a serious electric shock might occur.



Never touch internal parts.

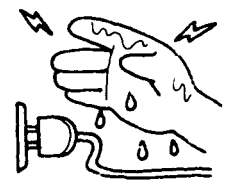
If a metal object, such as a hair pin or a needle, comes into contact with the power socket on the rear panel, a dangerous electric shock may result. For families with children, never permit children to put anything, especially metal, inside this unit.

Do not connect other audio equipment with a power consumption larger than that specified to the AC outlet on the rear panel. Never connect other electrical appliances, such as an iron or toaster.



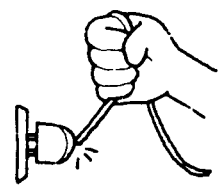
Never connect other electrical appliances.

Touching the power plug when your hands are wet may result in a serious electric shock.



Never touch with wet hands.

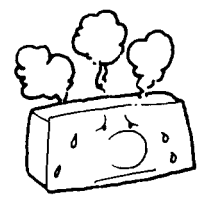
Never pull, bend or extend the power cord. This could damage the power cord, resulting in a broken cord or short-circuit.



Always grasp the plug.

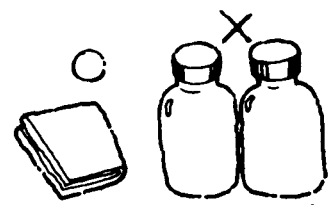
In case of abnormal smell

If an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest Kenwood service station.



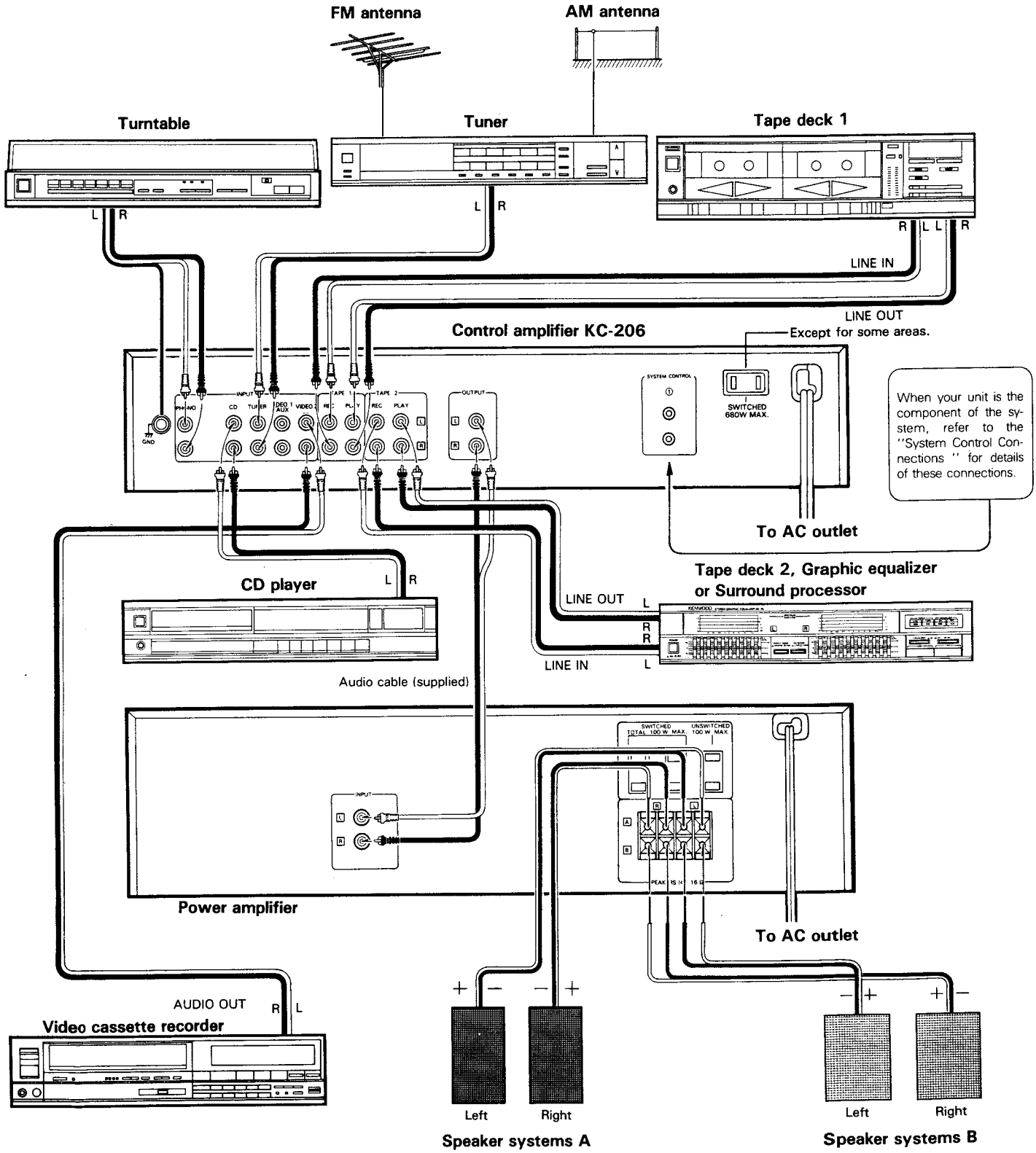
Cleaning

Do not use volatile solvents such as alcohol, paint thinner, gasoline, benzine, etc. to clean the cabinet. Use a silicone cloth or a clean dry cloth.



Silicone cloth Thinner Benzine

System connections



Power amplifier

Connect the OUTPUT jacks of the KC-206 and the INPUT jacks of a power amplifier with the supplied audio cable.

Notes:

1) The AC cord of the power amplifier should be plugged into a wall outlet.
2) To prevent possible trouble, always disconnect the power plug or turn off the POWER switch of the power amplifier before connecting or disconnecting the audio cables.
3) When connecting audio cables, always insert the pin plugs exactly into the connecting jacks.
   Insufficient insertion may result in no-sound trouble or generation of noise.

Turntable

The PHONO jacks of the amplifier can accept a turntable with an MM type phono-cartridge.
Your stereo turntable has RCA pin-plug cords that is terminated with phono plugs. Plug the left channel plug into the L and the right channel plug into the R PHONO jacks.
If the turntable has a ground wire, connect it to the unit's GND terminal to avoid hum.

Ground

For maximum safety and minimum interference connect the GND terminal to a good earth ground if practicable. A good earth ground is a cold water pipe or a metal stake driven into moist earth. However, never use a gas pipe for this purpose.

CD player

The CD jacks are used to connect a CD player.
Connect the left channel of the CD player to the L CD input jack and right channel of the CD player to the R CD input jack.

Note:

Do not connect the CD player to the PHONO jacks.

Tuner

Use the TUNER jacks for connection to an FM stereo or AM-FM stereo tuner.
Connect the left channel of the tuner to the L TUNER input jack and the right channel of the tuner to the R TUNER input jack.

Video cassette recorder

Use the VIDEO 2 jacks for connection to audio output of a video cassette recorder.
Connect the left channel of the recorder to the L VIDEO 2 input jack and the right channel of the recorder to the R VIDEO 2 input jack.

Other audio equipments

The VIDEO 1/AUX jacks are used to connect other high level signal sources, such as a audio output of a video disc player, etc.

Tape decks

If only one tape deck is to be connected to the system it is recommended that it be connected to the jacks marked TAPE 1.
Tape deck input and output cables are normally terminated with phono plugs.

Playback

Plug the left and right output cables of the tape deck into the L and R TAPE 1 PLAY jacks.

Record

Plug the left and right input cables of the tape deck into the L and R TAPE 1 REC jacks.

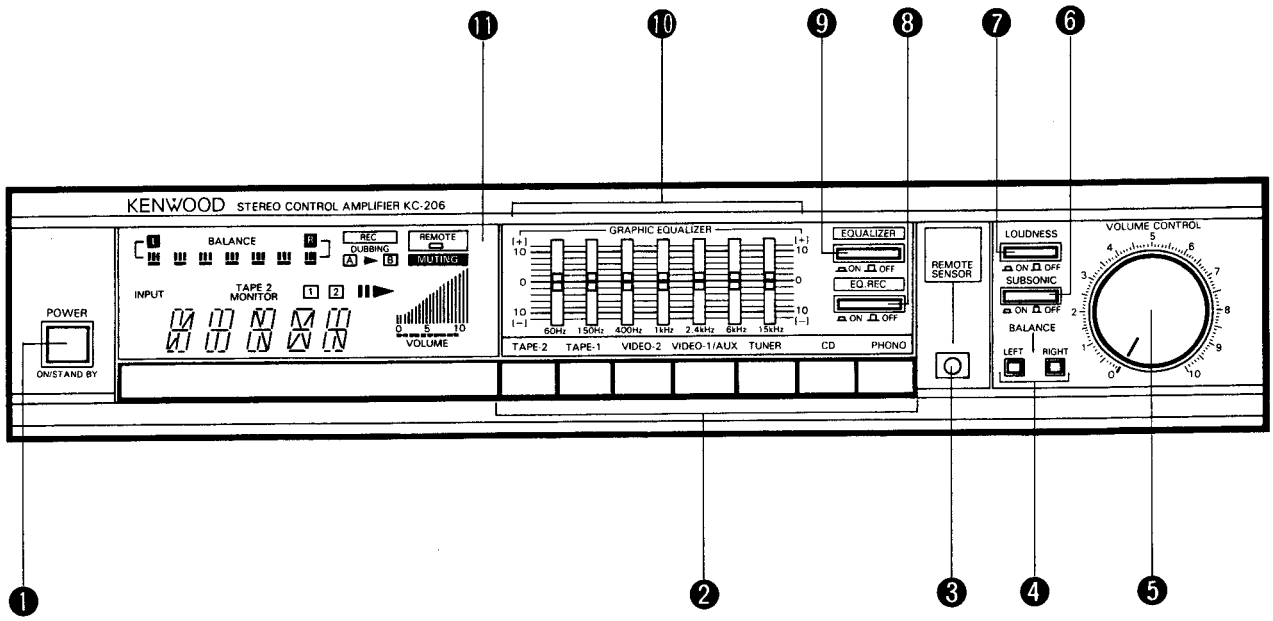
Second tape deck

Plug the input and output cables from the second tape deck into the REC and PLAY jacks marked TAPE 2.

SWITCHED AC OUTLET (Except for some areas.)

This outlet supply power only when the unit is turned on. The maximum total capacity is 680 watts.

Controls and indicators



❶ POWER switch

When this switch is set to ON, the entire system becomes operative, and when set to STAND BY, the system is tuned OFF, while the remote control enters the STAND BY mode.

❷ Input selector switches

TAPE-2: Press this switch when a component such as a graphic equalizer is connected to the TAPE 2 jacks

Notes:

1. The TAPE-2 selector switch has a priority over the input selector switches. To listen to the source other than tape deck 2, be sure to set this switch to OFF.
2. Do not press the TAPE-2 switch while recording on the cassette deck connected to the TAPE-2 jacks.
3. To monitor with a three-head tape deck, set the tape deck accordingly.

TAPE-1: To listen to a source from the tape deck connected to the TAPE 1 jacks, press this switch.

VIDEO-2: To listen to an audio source from video cassette recorder connected to the VIDEO 2 jacks, press this switch.

VIDEO-1/AUX: To listen to a source from the equipmentconnected to the VIDEO 1/AUX jacks, press this switch.

TUNER: To listen to a source from the tuner connectedto the TUNER jacks, press this switch.

CD: To listen to a source from the CD player connectedto the CD jacks, press this switch.

PHONO: To listen to a source from the turntable connected to the PHONO jacks, press this switch.

Note:

The setting of the input selector switch is backed up for a few days even when the POWER plug is disconnected.
After this period, the TUNER is automatically selected when the power is supplied.

❸ Infrared remote control sencer (REMOTE SENSOR)

❹ BALANCE control knob

Controls sound balance for both speakers.
Press LEFT to decrease the right-channel volume level and press RIGHT to decrese the left-channel volume level.

❺ VOLUME CONTROL

This control adjusts left- and right-channel volume simultaneously. Set it for the desired listening level. To control the volume with the remote control, set the volume control to the position between 5 and 6.

❻ SUBSONIC filter switch

The subsonic filter is used to remove super-low-frequency noise due to warp in the record disc. If this switch is ON, a low frequency range is cut off. This switch may be set to ON at all times since low frequency noise deviating from the acoustic range and affecting the speakers adversely can be cut off effectively.

❼ LOUDNESS switch

The loudness switch boosts bass response to compensate for the human ear's lack of response to those frequencies at low volume levels. Press this switch according to your listening level.
When the VOLUME CONTROL knob is set below "3~4", loudness response is effective.

❽ EQ REC switch

Set this switch to ON to record an equalized sound onto the tape deck connected to TAPE 1 REC jacks. When this switch is set to OFF, the sound with a flat frequency response is recorded onto the tape deck connected to TAPE 1 REC jacks.

❾ EQUALIZER switch

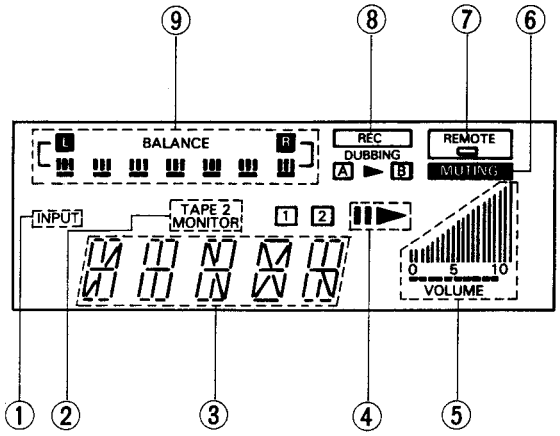
Set this switch to ON to activate the graphic equalizer circuitry. When this switch is set to OFF, a flat frequency response is obtained regardless of the GRAPHIC EQUALIZER control setting.

❿ GRAPHIC EQUALIZER controls

When the EQUALIZER or EQ REC switch is set to ON, use these controls to adjust the sound quality as your preference.

Sound equalization

⑪ Display window



① **INPUT indicator**
Lights when the INPUT mode indicator shows PHONO, CD TUNER, TAPE 1 or VIDEO. When the INPUT mode indicator shows volume level, this indicator goes off.

② **TAPE 2 indicator**
Lights when the TAPE 2 key is pressed.

③ **INPUT mode indcator**
This display shows the name of the program source currently heard from the speakers.

④ **Play/pause (CEUING) indicator for CD player and turntable**
The ► lights when the CD player or turntable is in the play mode. The ❚❚ lights when the CD player is in pause mode or the turntable is in cueing mode.

⑤ **VOLUME indicator**
The volume level is shown by the 11-step pictorial display and the exact level is displayed in dB in the character display window (INPUT mode indicator window) by each step.

⑥ **MUTING indicator**
The indicator lights when the MUTING switch is pressed.

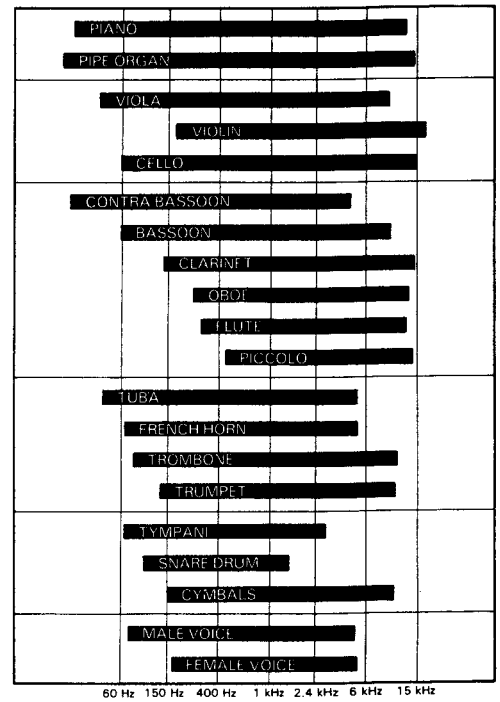
⑦ **REMOTE indicator**
Blinks when the signal from the remote controller is accepted.

⑧ **REC/DUBBING indicator**
Indicates the condition of the tape deck connected to TAPE 1 jacks. During recording, the REC indicator lights. When the A deck is in play mode, the A indicator lights. During dubbing from A deck to B deck, the BUBBING A ► B indicator lights.

⑨ **BALANCE indicator**
This indicator shows the volume balance between the L (left) channel and the R (right) channel.

Input source for listening, the program sources, to be recorded with A and B cassette decks can be selected individually.

Approximate frequency ranges for musical instruments and voice



- **Super bass range (60 Hz)**
When these controls are moved up, the bass instrument (double bass, bass drums or pipe organ, etc.) sound is increased.
When the super bass sound is boomy, move these controls down.
- **Bass range (150 Hz)**
Usually, the resonance frequency of the listening room is in this range.
To eliminate bass resonance, move these controls down.
- **Mid-bass range (400 Hz)**
This range is the basis of music. Whether the sound is rich or not, depends on this range. When the playback sound is not so good, adjust these controls.
- **Mid range (1 kHz, 2.4 kHz)**
When these controls are moved up or down, the bariton or soprano voice is emphasised/de-emphasised. This range is related to the "presence" of the music.
- **High range (6 kHz)**
This frequency range is related to the hardness of the sound. When this control is moved up, strings or brass, such as flute or piccolo, is emphansed. When the control is moved down, the sound will be more soothing.
- **Super high range (15 kHz)**
This frequency range is related to the details of the music. When these controls are moved up, super high frequency instruments, such as triangle or cymbal, are emphasized, resulting in wide sound and echoes.

Operating instructions

To listen to program source

1. Press the POWER switch.
2. Select the program source to be played with the input selector switches or TAPE-2 selector switch.
   When the SYSETM CONTROL connector on the rear panel is connected as shown in the figure on page 10, pressing the input selector switch sets the specified unit to play mode.
3. Play the program source.
4. Adjust the volume level with the VOLUME CONTROL.
5. To equalize the listening sound, press the EQUALIZER switch and adjust the GRAPHIC EQUALIZER controls.

(The operations 1~4 can be performed with the remote controller.)

Note:
When the TAPE-2 selector switch is set to ON, the program source selected with input selector switch cannot be heard from the speakers. To listen to the program source other than tape deck 2, be sure to set the TAPE-2 selector switch to OFF.

To record program source (TUNER, CD, PHONO, VIDEO-1/AUX, VIDEO-2)

1. Press the POWER switch.
2. Select the program source to be recorded with the input selector switch (TUNER, CD, PHONO, VIDEO-1/AUX, VIDEO-2).
   When the SYSTEM CONTROL connector on the rear panel is connected as shown in the figure on page 10, pressing the input selector switch sets the specified unit to play mode.
3. Play the program source.
4. Set tape deck 1 and/or tape deck 2 to record mode.
5. To equalize the recording sound, press the EQ REC switch and adjust the GRAPHIC EQUALIZER controls.
6. To equalize the listening sound, press the EQUALIZER switch.

(The operations 1~4 can be performed with the remote controller.)

Note:
The equalizer sound can only be recorded with tape deck 1.

To record phono sound while listening to other program source

1. Press the POWER switch.
2. Play the record.
3. Set tape deck 1 to record mode.
4. Select the program source to be listened to with the input selector switch or TAPE-2 selector switch.
5. To equalize the listening sound, press the EQUALIZER switch and adjust the GRAPHIC EQUALIZER controls.

(The operations 1~4 can be performed with the remote controller.)

Tape-to-tape dubbing

- **Dubbing from tape deck 2 to tape deck 1**

1. Press the POWER switch.
2. Press TAPE-2 selector switch and the input selector switch other than TAPE-1.
3. Set tape deck 2 to play and tape deck 1 to record.
4. To equalize the recording sound, press the EQ REC switch and adjust the GRAPHIC EQUALZIER controls.

(The operations 1~4 can be performed with the remote controller.)

Notes:
1. Do not press TAPE-1 input selector switch during dubbing.
2. To listen to the equalized recording sound, press the EQUALIZER switch.

System control connections

With the SYSTEM CONTROL terminals connected as shown on page 10, the input mode of the KC-206 can be changed by merely pressing the operation key of the connected equipment or the source equipment can be set to play mode by pressing the input selector switch of the KC-206.

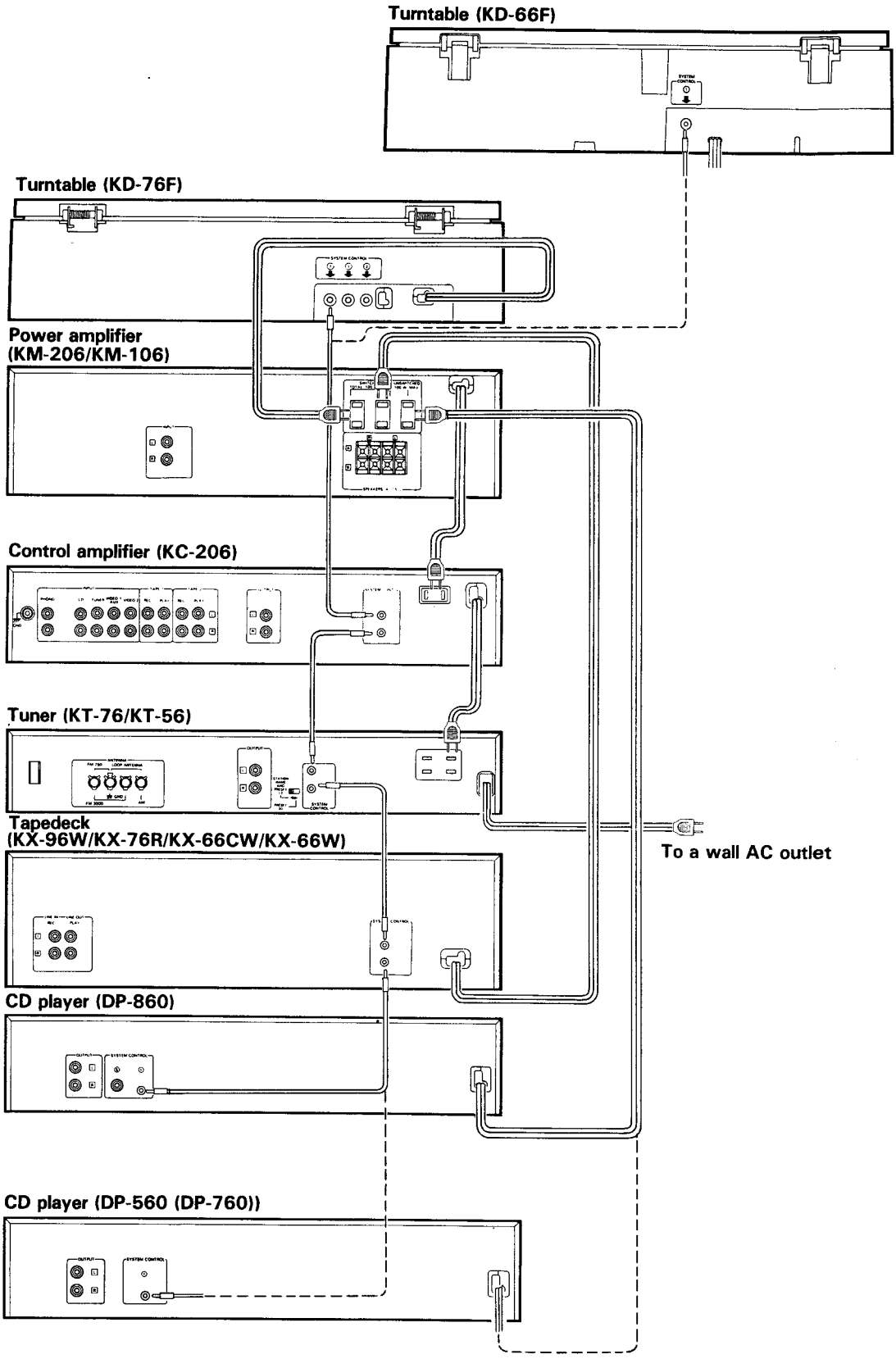
• Objective models

- Tuner.....KT-76, KT-56
- Cassette deck KX-96W, KX-76R, KX-66CW, KX-66W
- Turntable.....KD-76F. KD-66F
- CD player.....DP-860, DP-560, DP-760

• Operation keys

Models	Operation keys	Remarks
KT-76 KT-56	AM/FM selector Tuning key Preset station keys	
KX-96W KX-66CW KX-66W	Play keys of A and B decks Index scan key of A deck	When the beginning of the selection is searched, the input mode of the KC-206 is changed.
KX-76R	Play keys Index scan key	When the beginning of the selection is searched, the input mode of the KC-206 is changed.
KD-76F KD-66F	Play key	When the beginning of the selection is searched, the input mode of the KC-206 is changed.
DP-860 DP-560 DP-760	Play key	When the beginning of the selection is searched, the input mode of the KC-206 is changed.

Note:
Be sure to connect the cassette deck to be used for Synchro operation to the TAPE 1 jacks. Do not connect the Synchro cable to the cassette deck connected to the TAPE 2 jacks to avoid malfunction.



Note:
For connections of the audio cords, refer to the "System connections" diagram.

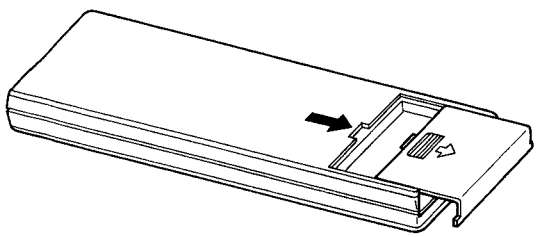
Remote control/RC-206

Notes

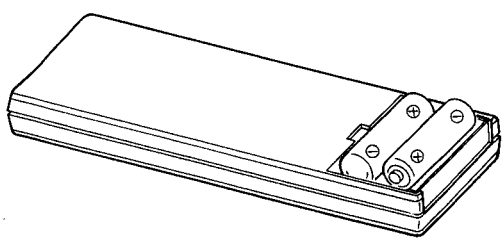
- **When the power plug is connected to an AC outlet, this unit enters the power standby mode and the indicator lights. At that time, the unit can be operated only with the POWER key of remote control transmitter.**
  First, enter the unit to the power on mode with the POWER key of remote control transmitter, and operate with the other keys.
- **When the volume control of the control amplifier (KC-206) is not increased, the VOLUME keys of the remote control transmitter does not function.**
  Set the volume control to "5" to "7", then operate the VOLUME keys of the remote control transmitter.

Installing the battery on the remote control unit

1. Remove the battery compartment cover.



2. Insert two size "AA" (R6) batteries confirming the correct polarity and close the cover in its place.

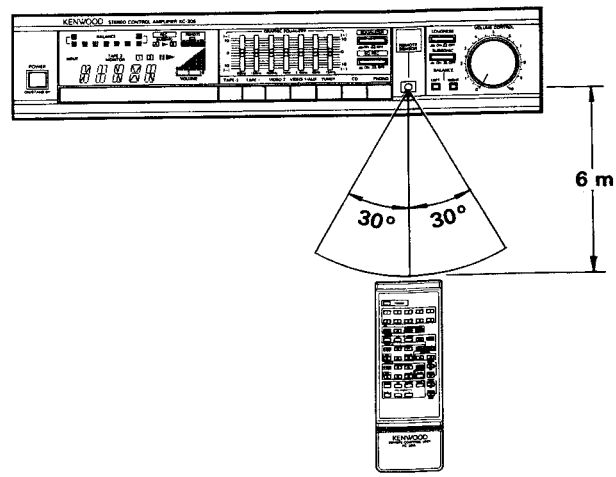


Note:
The provided batteries are to be used for operation of the remote control unit, and it may have shorter life.
When the remote control unit becomes effective only for shorter distance or does not effective to operate, replace them with two new batteries.

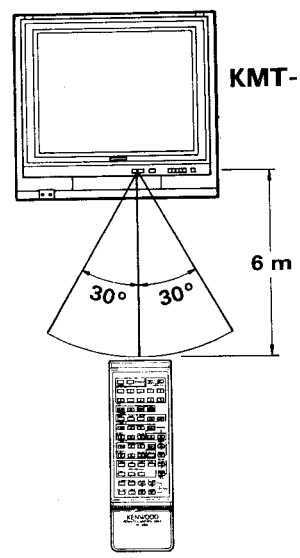
Usable range of remote control unit

The usable range of the remote control unit may differ on temperature, humidity or using conditions, however, it is defined approximately as shown in the figure below:

For controlling audio

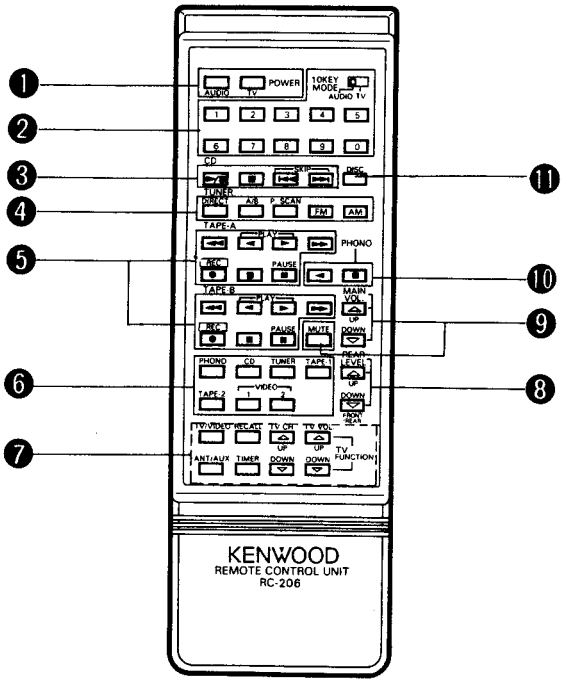


For controlling TV set (U.S.A. and military models)

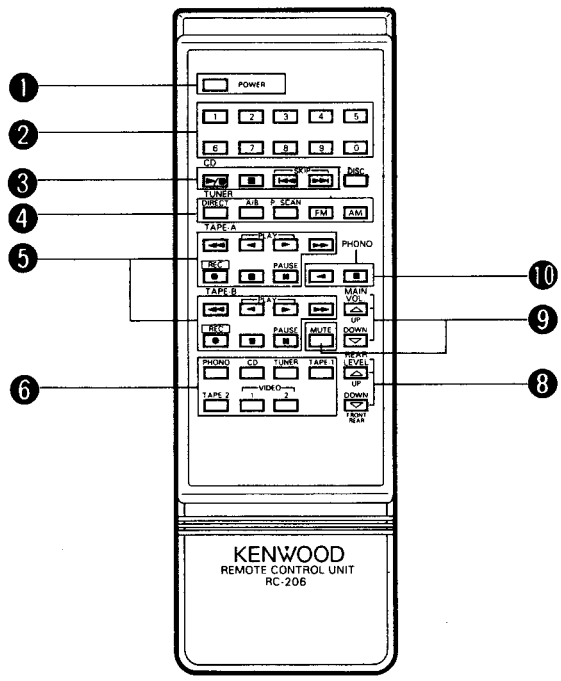


Note for remote control operation
After pressing one of operation keys, when the next operation is required, press the next operation key firmly after approx. 1 second interval.
When the next operation key is pressed immediately after the previous key, it may cause misoperation.

Remote control unit (U.S.A. and military models)



Remote control unit (Other model)



❶ POWER switch (U.S.A. and military models)

AUDIO: Press to turn the stereo system ON. Press again to turn the stereo system OFF.

TV: Press to turn the TV ON. Press again to turn the TV off.

❶ POWER switch (other models)

Press to turn the power on for whole system.

❷ 10-KEY MODE switch (U.S.A. and military models)

AUDIO: 10-key direct operation is possible only for tuner and CD player.
(For example: When "7" is pressed while listening to track No. 4 of CD player, the track No, is changed to 7.)

TV: 10-key direct operation is possible only for TV. Use buttons "0-9" in combination for direct channel selection regardless of any previous memory settings or functions. Generally, key in channel numbers in two digits for speedy operation. To key in lower channel numbers from 2~9, key in "0", then the channel number. (For example, to tune in channel 9 directly, key in "0", then "9", for channel 23, key in "2", then "3", etc.)

❷ 10-key (other model)

10-key direct operation is possible only for tuner and CD player.
(For example: When "7" is pressed while listening to track No. 4 of CD player, the track No, is changed to 7.)

Note: If you do not press the second key within two seconds after pressing the first key, the first number keyed in will be automatically selected as the channel number.

❸ Compact disc player (DP-860/DP-560 (DP-760)) operation keys (CD)

Play/pause key (►/II)

When this key is pressed with a compact disc loaded in the compact disc player, the disc is played. (Same function as the play key on the compact disc player.)
When this key is pressed during play, the player enters the pause mode. To release pause mode, press it again.

Stop key (■)

Press to cancel all operations. The pickup returns to the beginning of the first tune and the player enters the standby mode. (Same function as the stop key on the compact disc player.)

Music skip key (►►I)

Press to skip to the beginning of the next tune. The pickup is advanced to the forward tunes by the number of times it is pressed. (Same function as the music skip key on the compact disc player.)

Music skip key (I◄◄)

Press to return to the beginning of the current tune. Pressing it again returns the pickup to the beginning. When the key is continuously pressed, the pickup returns to the backward tunes by the number of times it is pressed. (Same function as the music skip key on the compact disc player.)

❹ Tuner (KT-76/KT-56) operation keys (TUNER)

Direct (KT-76 only)

When this key is pressed, the unit is set to direct mode and the frequency of the desired station can directly be input using 10-key.

A/B

Each time this button is pressed, the preset station range is changed.

P. Scan

When this key is pressed, the preset stations are automatically received from A -1 for a specified time.

Band select keys (FM/AM)
Select the desired band for broadcast listening. (Same function as the band selector on the tuner.)

❺ Cassette deck (KX-96W, KX-76R, KX-66CW, KX-66W) operation keys (TAPE-A/TAPE-B)

Note:
When the KX-76R is used, it cannot be operated even if one of the TAPE A operation keys is pressed.

Stop key (■)
Press to stop tape running.
Rewind key (◄◄)
Press to fast-wind the tape to the left reel.
Fast-forward key (►►)
Press to fast-wind the tape to the right reel.
Reverse Play key (◄)
Press to start playback in reverse direction. (Rear side playback)
When use the KX-66CW, the Reverse Play Key (◄) of the TAPE-A dose not function. When use the KX-66W, the Reverse Play Key (◄) of the TAPE-A and TAPE-B dose not function.
Play key (►)
Press to start playback in forward direction. (Front side playback)
Pause key (II)
Press to stop play back or recording momentarily. The function of the PAUSE key.
Record key (REC) (●)
Press to start recording.

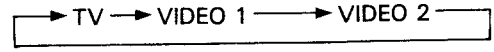
❻ Input selector keys
PHONO: To listen to a source from the turntable connected to the PHONO jacks, press this switch.
CD: To listen to a source from the CD player connected to the CD jacks, press this switch.
TUNER: To listen to a source from the tuner connected to the TUNER jacks, press this switch.
TAPE-1: To listen to a source from the tape deck connected to the TAPE 1 jacks, press this switch.
TAPE-2: To listen to a source of the tape deck, etc., connected to the TAPE 2 jacks, press this switch.
VIDEO 1: To listen to a source from the equipment connected to the VIDEO 1/AUX jacks, press this switch.
VIDEO 2: To listen to an audio source from video cassette recorder connected to the VIDEO 2 jacks, press this switch.

❼ TV (KMT-1026, KMT-2026) operation keys (TV FUNCTION) (U.S.A. and military models)

Note: With the supplied remote control unit, only KMT-1026, KMT-2026 (monitor TV) can be operated.

TV/VIDEO key
Use this key to select the type of signal that the monitor will receive: TV, VIDEO 1 or VIDEO 2.
RECALL key
Press the recall key and both the time and channel will be displayed continuously. Press it again and they will disappear. The timer function can be utilized as well but the time will not continuously be displayed.
Channel Tuning keys (TV CH.) UP (△)/DOWN (▽)
Press the channel up (△) key (2) to tune in higher channels, and the channel down (▽) key (2) to tune in lower channels. Press the key continuously until the channel number you wish to receive appears on the upper right side of the screen.

ANT/AUX key
Press this key to set the ANT and AUX indicator to agree with the antenna input source.



TIMER key
Press the timer key to set desired time.
VOLUME keys
Apply steady pressure to the VOLUME UP or DOWN buttons, to increase or decrease the volume as desired.

❽ Surround volume keys (REAR LEVEL)
These surround volume keys (REAR LEVEL) function the same as the LEVEL (UP, DOWN) keys on the optional SC-800AV Surround processor.
- This key is effective only when the optional SC-800AV Surround Processor is used.

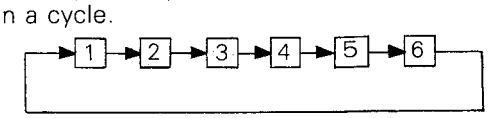
❾ Amplifier (KC-206) operation keys
(These function same as the operation keys on the amplifier.)
VOLUME keys (UP/DOWN)
Controls the volume of the speakers and headphones. Press the UP (▲) key to increase the volume level and, press the DOWN (▼) key to decrease it.

Note:
The volume is raised up to the level preset at the control amplifier.

MUTING key:
Press to decrease the volume level instantaneously. Pressing it again resumes the previous volume level.
When this key is pressed, volume level is decreased by 20 dB. The VOLUME LEVEL indicators blink.

❿ Turntable (KD-76F, KD-66F) operation keys (PHONO)
Play key (◄)
Press to start record play automatically.
For KD-66F, select the record size when turning the power on, before starting play with this key.
Stop key (■)
Press to stop play; the tonearm returns to the rest and the platter stops rotating.

⓫ Disc Select key
When a multiple CD player (DP-M960) is connected, this key selects one of six CDs sequentially in a cycle.



Auto function
(PHONO, TUNER, CD, TAPE, VIDEO)
For example, when you listen to the record, pressing the VIDEO 1 key enters the units VIDEO mode and vice vasa.

In case of difficulty

If your unit should not perform as expected, consult the table below to see if the problem can be corrected before seeking help from your KENWOOD dealer or service representative.

Control amplifier

AM, FM, PHONO, CD, VIDEO or Tape playback	CAUSE	REMEDY
Power on but no sound.	a) Power cord not plugged in. b) Poor connection at AC outlet. Power outlet inactive. c) VOLUME CONTROL set fully counterclockwise.	a) Check plug contact. b) Check outlet using a lamp or other appliance (outlet may be controlled by a wall switch). c) Set the control to your preference.
No sound from left and right.	a) Speaker cords disconnected. b) No input selector switch is in use. (c)The TAPE-2 switch is set to ON.	a) Check speaker connections. b) Push one of the input selector switches to select the desired program. (c)Set the switch to OFF.
Sound from left or right, but not both.	a) Poor speaker connections. b) Defective speaker. c) BALANCE set to one extreme or the other.	a) Check connections at both ends of speaker cord. b) Reverse speakers. If problem stays with the same speaker, check the speaker. c) Check setting of BALANCE control.

PHONO playback only	CAUSE	REMEDY
No sound from both or one speaker.	Turntable output disconnected.	Check phono cables.
Loud hum drowns out sound.	Poor ground connection at phono cable connections.	Check phono plugs, particularly outershell connections.
Low background hum.	Hum picked up in turntable or turntable cables.	Keep cables away from power cords. Twist left and right cables together. Reverse AC plug of turntable. Connect ground wire between turntable and GND terminal.
Background buzz.	TV signal picked up by phono cable (especially near transmitter).	Route phono cables to minimize buzz.
Howling noise at maximum volume settings.	Acoustic pickup from speaker.	Increase distance between speaker and turntable. Choose speaker locations carefully. Check turntable suspension.

Remort control

Symptom	Cause	Remedy
Remote control unit does not function.	1. Batteries are exhausted.	1. Replace the batteries with new ones.
	2. Stereo mini plug cord is disconnected from the rear panel terminal. **Note:** When the RCA pin cords are not connected to this controller, remote controller does not function.	2. Connect it firmly.
	3. Operating position is too distant from the unit (infrared sensor).	3. Use the remote control unit (transmitter) within an operable area.
	4. Record, tape or compact disc is not loaded on the component desired to be played.	4. Set the desired source on the component.
	5. Cassette deck desired to play is in use for recording.	5. Wait until the recording is over.
Volume level is not increased.	1. Volume exceeds the level set at the control amplifier.	1. Raise the level on the control amplifier.
	2. Muting is activated.	2. Release it.

Specifications

PERFORMANCE

Input Sensitivity/Impedance/Signal-to-Noise Ratio (IHF-A Curve)
- **PHONE** ..... 2.5 mV/47 kohms/79 dB, 85 dB (5.0 mV)
- **TUNER/AUX/TAPE PLAY/CD/VIDEO** ..... 150 mV/33 kohms/103 dB

Maximum Input Voltage for Phono ..... 150 mV (RMS), T.H.D. 0.03% at 1,000 Hz

Frequency Response
- **PHONO** ..... RIAA Standard Curve ±0.3 dB (20 Hz - 20 kHz)
- **AUX → Out** ..... 10 Hz - 70 kHz (−3 dB)

Subsonic Filter ..... 18 Hz, 6 dB/Octave

Total Harmonic Distortion
- **AUX → Out**
  - **20 Hz ~ 20 kHz** ..... 0.004% at Rated Output
  - **1 kHz** ..... 0.003% at Rated Output

Output Voltage and Impedance ..... TAPE REC: 150 mV/330 ohms

Loudness Control ..... +8 dB (100 Hz) (at volume −30 dB)

Graphic equalizer control
- **(60 Hz, 150 Hz, 400 Hz, 1 kHz, 2.4 kHz, 6 kHz, 15 kHz)** ..... ±10 dB

GENERAL

Power Requirement ..... 60 Hz 120 V (U.S.A. and Canada Model)
Model sold elsewhere incorporates switch to accommodate 50/60 Hz
110 ~ 120 V/220 ~ 240 V

Power Consumption ..... 12 W

AC Outlet ..... 1 Switched (Except for some areas.)

Dimensions ..... W 420 mm (16-9/16″)
H 89 mm (3-1/2″)
D 273 mm (10-3/4″)

Weight (Net) ..... 3.0 kg (6.6 lb)

Note:
KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.